

What is claimed:

1. A method for providing a casing in a wellbore wherein another casing of the same internal diameter may be provided in the wellbore below the casing and further providing an overlap between the casing and the other casing sufficient to provide a hydraulic seal between the two casings, the method comprising the steps of:

placing a casing within the wellbore wherein the casing has a smaller outside diameter than a final inside diameter of the casing;

placing an expandable mandrel within the casing, the expandable mandrel suspended from a drill string;

converting the expandable mandrel to a first expansion diameter while the expandable mandrel is within the casing wherein the first expansion diameter is about the final inside diameter plus twice the thickness of the final casing;

forcing the expanded mandrel through a lower portion of the casing while the expandable mandrel is of the first expansion diameter;

converting the expandable mandrel to a second expansion diameter, wherein the second expansion diameter is about the final inside diameter; and

forcing the expanded mandrel through an upper portion of the casing while the expandable mandrel is of the second expansion diameter.

2. The method of claim 1 further comprising the step of providing a preexpanded portion of the casing and converting the expandable mandrel to a first expansion diameter within the preexpanded portion of the casing.

3. The method of claim 1 further comprising the step of providing a cement shoe casing while the expandable mandrel is of the second expansion diameter.

3. The method of claim 1 wherein the expansion mandrel is converted to the first expansion diameter by hydraulic pressure applied from within the drill string.

4. The method of claim 3 wherein hydraulic pressure is applied from within the drill string by blocking flow from the drill string.

5. The method of claim 4 wherein flow from the drill string is blocked by a dart seating on a seat in the expandable mandrel.

6. The method of claim 4 further comprising the step of providing a second seal for blocking flow from the drill string at a lower end of the casing.

7. The method of claim 6 further comprising the step of drilling out the cement shoe after the casing has been expanded.

7. The method of claim 1 wherein the first diameter is between about 0.2 and about 1.2 inches greater than the second diameter.

8. The method of claim 1 wherein the first diameter is about 0.5 inches greater than the second diameter.

9. The method of claim 2 wherein the preexpanded section of the casing further includes a casing joint.

10. The method of claim 2 wherein the casing is expanded from within the preexpanded section downward to a larger diameter and from within the preexpanded section upward to the smaller diameter.